

N<sup>o</sup> - 12.

Sept'r 1<sup>st</sup> 1889

Sept'r 11<sup>th</sup> 1889.

Dr 3079 to 3093.

Hy<sup>d</sup> 1964 to 2049.

Copy Sigsbee. Turns 4780.  
Correction Table. No 2. Reel. Correction 253.

Cor.	Turns.	Cor.	Turns.	Cor.	Turns.
0	50	37	1800	141	3550
0	100	39	1850	145	3600
0	150	41	1900	150	3650
1	200	43	1950	154	3700
1	250	45	2000	158	3750
1	300	47	2050	162	3800
2	350	50	2100	167	3850
2	400	53	2150	171	3900
3	450	55	2200	175	3950
3	500	57	2250	179	4000
4	550	60	2300	184	4050
5	600	63	2350	188	4100
5	650	66	2400	193	4150
6	700	68	2450	197	4200
7	750	71	2500	202	4250
8	800	74	2550	206	4300
9	850	77	2600	211	4350
10	900	80	2650	216	4400
11	950	83	2700	221	4450
12	1000	86	2750	225	4500
13	1050	89	2800	230	4550
14	1100	92	2850	235	4600
15	1150	95	2900	240	4650
16	1200	99	2950	245	4700
18	1250	102	3000	250	4750
19	1300	106	3050	253	4780
21	1350	109	3100		
22	1400	113	3150		
24	1450	116	3200		
25	1500	120	3250		
27	1550	123	3300		
29	1600	127	3350		
31	1650	131	3400		
33	1700	135	3450		
35	1750	138	3500		

# Tanner.

384 turns on reel.

Turns-16 to 38	+ 1.	
39-70	+ 2.	
71-105	+ 3.	
106-142	+ 4.	
143-190	+ 5.	
191-260	+ 6.	
261-384	+ 7.	

## Abbreviations-

Ab'v'n.

Ab'v'n.

C.	Clay.	ers.	Coarse.
Co.	Coral.	fine.	Fine.
		hrd.	Hard.
G.	Gravel.	lrg.	Large.
Glob.	Globigerina.	cky.	Rocky.
M.	Mud.	sft.	Soft.
Oz.	Ooze.	sm.	Small.
P.	Pebbles.	stk.	Sticky.
		bk.	Black.
R.	Rocks.	br.	Brown.
S.	Sand.	bw.	Blue.
Sh.	Shells.	choc.	Chocolate.
sp.	Specks.	dk.	Dark.
St.	Stones.	gn.	Green.
brk.	Broken.	rd.	Red.
gy.	Gray.	slat.	Slate.
lt.	Light.	yl.	Yellow.
Wh.	White.		

Last Numbers-

Hydro. 1963.

Dredge. 3078.

Swans Fountain Pen

Sept. 14<sup>th</sup> 1889.

H.C.V.

No. 1964 Hydro; Date Sept. 1<sup>st</sup> 1889.

Machine. — Reel.

Turns 74 Cor. + 3.

Depth 77 fms.

Shot or lead 35 lbs.

Bottom G.

Bottom temperature 46.1°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 45.8°

Air 59° Surface 59° Drift:

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

11.25.05

27.07

25.35

11.25.50

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1965 Hydro. Date Sept. 1889

Machine. — Reel.

Turns 76 Cor. + 2 Depth 78 fms.

Shot or lead 25 lbs.

Bottom *ky*

Bottom temperature 45.9°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 45.6°

Air 60° Surface 60° Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

12.04.12

11.15

0

12.05.50

12.10.00

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No. 1966 Hydro. Date Sept. 1<sup>st</sup> 1884.

Machine. — Reel.

Turns 164 Cor. + 5 Depth 174 fms.

Shot or lead 25 lbs.

Bottom gn. M. s. s.

Bottom temperature 43.4°

No. of Thermometer 5 — 30 Cor. - 0.3°

Corrected temperature 43.6°

Air 60° Surface 60° Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

17.22.20

27.12

0

17.15

25.30

100

24.00

12.24.15

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 114. 1965 Date Sep 10  
 Tanner Machine. — Reel.

Turns 85 Cor. + 3 Depth 88

Shot or lead 25 lb

Bottom R. M.

Bottom temperature 45.5

No. of Thermometer 51451 Cor. - 0

Corrected temperature 45.5°

Air 60 Surface 60 Drift.

Trawl or dredge or tangles —

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.	UP.		DOWN.	UP.
12-57-0	12-40-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1968* Date *Sept 1 188**Machine.* — *Reel.*Turns *3* Cor. + *3* DepthShot or lead *25 lbs.*Bottom *Coar. 25 lb. sand*Bottom temperature *45.2*No. of Thermometer *51451* Cor. *- 1.2*Corrected temperature *45.2*Air *60* Surface *60* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

*12-49-15 12-51-15*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hy. 1969* Date *Sept 1/89.**Tanner* Machine. — Reel.Turns *76* Cor. + *3* Depth *79*Shot or lead *25 lbs*Bottom *gy. sh. & S.*Bottom temperature *46*No. of Thermometer *514/51* Cor. - *0.3*Corrected temperature *45.7°*Air *62* Surface *59* Drift.

Trawl or dredge or tangles \_\_\_\_\_

## SOUNDING WIRE.

DOWN.

UP.

*P. M.**1-07-0**1-09-0*

## TURNS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

## DREDGE ROPE.

DOWN.

UP.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No. *Hy. 1970*

Date

*Sept 11/90**Hamner*

Machine. — Reel.

Turns *150* Cor. + *5* Depth *155*Shot or lead *25 lbs.*Bottom *Yk S.*Bottom temperature *44*No. of Thermometer *511/51* Cor. *-0.3*Corrected temperature *43.7°*Air *62* Surface *60* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P. M.</i>				
<i>1-38-30</i>	<i>43-0</i>	0		
<i>10-0</i>		100		
<i>-0</i>	<i>1-11-30</i>	<i>155</i>		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date

Machine. — Reel.

Turns 135 Cor. + 4 Depth 139

Shot or lead 25 lbs.

Bottom bk S &amp; M

Bottom temperature 44.2

No. of Thermometer 51451 Cor. - 0.3

Corrected temperature 43.9

Air 62 Surface 62 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

1-52-30

56-15

0

54-15

1-54-30

100

39

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1972* Date *July 11**Sigsbee* Machine. — Reel.Turns *120* Cor. + *4* Depth *124*Shot or lead *25 lb.*Bottom *bk gy m*Bottom temperature *11*No. of Thermometer *5051* Cor. *3°*Corrected temperature *44.7°*Air *62* Surface *62* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

*2-5-0* *8-30*  
*6-0* *2-6-30*

## TURNS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

## DREDGE ROPE.

DOWN.

UP.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Ag. 1913* Date *1159.**Danner* Machine. — Reel.Turns *87* Cor. + *3* Depth *90*Shot or lead *25 lbs.*Bottom *gn. m. r. G*Bottom temperature *45.8*No. of Thermometer *51151* Cor. *-0.3°*Corrected temperature *45.5*Air *62* Surface *62* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>21-32</i>	<i>1-2-3-4</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No. *Hy. 1944*Date *Sept 1**Simon* Machine. — Reel.Turns *75* Cor. + *3*Depth *78*Shot or lead *25 lbs.*Bottom *fk gy S*Bottom temperature *46*No. of Thermometer *51451* Cor. *- 0.1*Corrected temperature *45.7°*Air *62* Surface *62* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 41

Date

Sept 1/89.

Machine. — Reel.

Turns 68 Cor. + 2 Depth 70

Shot or lead 25 Lbs

Bottom lo. y. L.

Bottom temperature 46

No. of Thermometer 51451 Cor. - 0.2

Corrected temperature 45.8

Air 60 Surface 59 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

110-30 110-30

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

114, 1906

Date

Sept 11

Machine. — Reel.

Turns 68 Cor. + 2 Depth 70

Shot or lead 35 lbs.

Bottom G.

Bottom temperature 46

No. of Thermometer 51151 Cor. - 0.3°

Corrected temperature 45.7°

Air 60 Surface 59 Drift.

Trawl or dredge or tangles —

## SOUNDING WIRE.

DOWN.

UP.

4-0

3-6-0

## TURNS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

## DREDGE ROPE.

DOWN.

UP.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 14. 1911 Date Sept 1.

Machine. — Reel.

Turns 65 Cor. + 2 Depth 67

Shot or lead 25 lbs.

Bottom gy s m r.

Bottom temperature 46

No. of Thermometer 51251 Cor.

Corrected temperature 45.7°

Air 60 Surface 57 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

3-17-0

3-19-0

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No. *Ny. 1978* Date *Sept 11/89.**Machine. — Reel.*Turns *59* Cor. + *2* Depth *61*Shot or lead *25 lb.*Bottom *F. gy. & brk Sh.*Bottom temperature *46*No. of Thermometer *61451* Cor. *—*Corrected temperature *45.7°*Air *60* Surface *59* Drift.

Trawl or dredge or tangles.

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

*P. 111**2-11-1**2-11-2-1*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

10 3079

27

1

*Cor.* †

2-

50

25th

R Ky

47

No. of Thermometer

314/5

*Cor.*

*Corrected temperature*

46.7°

*Air*

613

## Surface

45

*Drift.* 1 on H<sub>2</sub>Y<sub>2</sub>Y<sub>2</sub> 40

~~Trawl or dredge or tangles~~

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3-49-30	3-51-0	0	15-40	4.20.00
		100	05-30	17
		200		4.15
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



No. 1

Date 4.

Machine. — Reel.

Turns 5

Cor. +

Depth 50

Shot or lead 25 lbs.

Bottom Co. Rly

Bottom temperature 47.5

No. of Thermometer 5145

Cor. ;

Corrected temperature 47.2°

Air 60

Surface 59°

Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

5.25. Catch 1 Red Riv. Fish - 1 Dog Fish -  
 5.25. Catch 1 Red Riv. Fish - 1 Dog Fish -

Drift while fishing 1 mile E. S. E. -

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

380

Date

Sept 1 - 1/89

Machine. — Reel.

Turns 90 Cor. + 3 Depth 93

Shot or lead 25 lbs.

Bottom gn m.

Bottom temperature 45.5

No. of Thermometer 51451 Cor.

Corrected temperature 45.6

Air 64 Surface 60 Drift. 1 1/2 mi S 1/4 E

Trawl or dredge or tangles Large 18 m

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

P. W. 6-45-0

6-47-0

0

6-47-30

38-0

100

15-30

34-0

200

5-30

11-24-30

300

1-30

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

#### REMARKS.

100 fms. 14 species. 100 fms. 14 species.  
 5 species Rock Fish - Many small fish.  
 1 Clupea Cod. Several other small fish.  
 Many small fish - Many large fish.  
 Numerous other invertebrates.



No. 3081 *Dredge* Date

*Machine.* Reel.

Turns 59 Cor. + 2. Depth 61

~~Shot or lead~~ 25 lbs.

Bottom *on 11:40*

Bottom temperature 46.1°

No. of Thermometer 5143 Cor. 0°

Corrected temperature 45.8°

Air 60° Surface Drift 4'

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

51.40 52.25  
8.51.50

TURNS.

- 0
- 100
- 200
- 300
- 400
- 500
- 600
- 700
- 800
- 900
- 1000
- 1100
- 1200
- 1300
- 1400
- 1500
- 1600
- 1700
- 1800
- 1900
- 2000
- 2100
- 2200
- 2300
- 2400

DREDGE ROPE.

DOWN.

UP.

8.55.00

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

6 species Shrimps. REMARKS Plentiful, a  
 Black Cod. 4 other species of fish.  
 Crabs - Large Holothurians. Numerous  
 Prawns - Star fish. Shells. Sea urchins.  
 Sea anemones. Penatulas.

No.

Sredoe  
5.02

Date

Sept. 10

Tanner

Machine. — Reel.

Turns 41 Cor. + 2 Depth 43

Shot or lead 25 lbs

Bottom fine gy s

Bottom temperature 46.5

No. of Thermometer 51451 Cor.

Corrected temperature 46.2°

Air 57 Surface 57 Drift. 3 mi N.W.

Trawl or dredge or tangles large mussel

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

4 m

5-22-0

5-23-15

0

5-26-3

50-30

100

34-3

7-16-0

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

At 5.55 pm. in 8 fathoms  
 Angling with...  
 Hauled in. time at 6.05-

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date

Machine. — Reel.

Turns 31 Cor. + 1 Depth 32

Shot or lead 25 lb

Bottom fine gy S. bk. sf.

Bottom temperature 48.1

No. of Thermometer 51451 Cor. -0.3

Corrected temperature 47.8°

Air 54 Surface 56 Drift. 10m 18.2

Trawl or dredge or tangles large Reel

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

7-2-0

7-3-0

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

7-26-0

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

1.000.000 7 REMARKS.

No. 1958 Date July

Machine. — Reel.

Turns — Cor. + Depth

Shot or lead 14

Bottom

Bottom temperature

No. of Thermometer — Cor.

Corrected temperature

Air 56 Surface 66 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



507  
H.C.

No. 1911 Hydro. Date Sept. 2<sup>d</sup>

Tanner Machine. - Reel.

Turns 25 Cor. + 1 Depth 24 fms.

Shot or lead 20 lbs.

Bottom m. s.

Bottom temperature 49.1°

No. of Thermometer 51451 Cor.

Corrected temperature 48.8°

Air 58° Surface Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9.40.40	41.40	0		
40.50	9.41.00	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

A.M.

9.40.40  
40.50

10  
7.40.40  
7.40.40

Catch - 8 Crabs, 100 lbs. 5 Bl. Crabs, 100 lbs.

Sundown River, 1000 fms. E. N. E. 1/2 E. (Mag.)

10.40.40

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

3011

Date

Sept. 2

Machine.

Reel.

Turns 44 Cor. + 2 Depth 46

Shot or lead 35 lbs.

Bottom

m. s. s. bk.

Bottom temperature 47.2

No. of Thermometer 51451 Cor. 0.2

Corrected temperature 46.9°

Air 57 Surface 58 Drift. 1 1/2' N.E. (avg)

Trawl or dredge or tangles large 12

## SOUNDING WIRE.

DOWN.

UP.

12-13-0 12-14-0

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

12-15-0 12-30

22-0

23-2 12-24-0

At 2.00 pm  
 Caught 16 s. s. bk.  
 9 King  
 Hauled in line at 1.35

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS.

*From 5 fathoms to 1000 fms.*  
*1000 fms. 1000 fms.*  
*1000 fms. 1000 fms.*

No. *Hy 1982* Date *Oct 11 1882*

Machine. — Reel.

Turns *30* Cor. + *1* Depth *31*

Shot or lead *35 lb.*

Bottom *fine gy. S*

Bottom temperature *47.7*

No. of Thermometer *51151* Cor.

Corrected temperature *47.7*

Air *60* Surface *59* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

TURNS.

DOWN.

UP.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*At 2.47 pm on 11 Y. ...  
2 fms down  
24 fms  
11 fms  
Reel 200*

*Hauled in wire at 3.20.*

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hy 1953* Date *6/1/07*

Machine. — Reel.

Turns Cor. + Depth *19*

Shot or lead *Hand 14 lbs.*

Bottom *fine g.s.*

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air *62* Surface Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN. UP.

*P.W. 3-45-0*

*At 3:45 Put up 11 m. d. line  
Caught 5 Ling.  
5 B. G.*

*Red "*

*Hauled in line at 4:20.*

TURNS.

- 0
- 100
- 200
- 300
- 400
- 500
- 600
- 700
- 800
- 900
- 1000
- 1100
- 1200
- 1300
- 1400
- 1500
- 1600
- 1700
- 1800
- 1900
- 2000
- 2100
- 2200
- 2300
- 2400

DREDGE ROPE.

DOWN. UP.

*One 1/2 m. d. line put up at 4:20.*

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4.21.00	4.28.20	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1411 Date, Sept. 2<sup>d</sup>

Machine. — Reel.

Turns 30 Cor. + 1 Depth 31'

~~Shot or lead~~ 20 lbs.

Bottom W. S. bk. sp. vi

Bottom temperature 48.1°

No. of Thermometer 51451 Cor.

Corrected temperature 47.8°

Air Surface 64° Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

38. 25

39.30

0

38. 35

5.38.45

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

commenced at 5.15. & etc.

Colch. 1 Cor. 22

Cape Papeete bore E. N. E. (N. 45° E.)

distant 4.0

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date

Tanner Machine. — Reel.

Turns 40 Cor. + 2 Depth 1/2

Shot or lead 30 lbs.

Bottom fine g. s. m.

Bottom temperature 46

No. of Thermometer 51457 Cor. - 0.3

Corrected temperature 45.7

Air 58 Surface 56 Drift. 1/2 m N 1/4

Trawl or dredge or tangles Large Beam 2

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

8-25-0 8-27-30

0

8-28-0 9-0-0

100  
50

38-0 8-54-0

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Sounding Light in N. x E. 5178 fms.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

#### REMARKS.

One *Phanerodon*  
A few Prawns & Starfish.

Trawl was torn and nearly  
everything escaped.

No. 081 Dredge Date

Tanner Machine. — Reel.

Turns 24 Cor. + 2 Depth

Shot or lead 2' 2"

Bottom fine gy. s. sh. 2

Bottom temperature 46.5

No. of Thermometer 51451 Cor.

Corrected temperature 46.2

Air Surface Drift. 1/4 N. 1/4 E.

Trawl or dredge or tangles large beam

## SOUNDING WIRE.

DOWN.

UP.

0 5.03.00

Sigsbee light over N.E. buoy dist. 10.5.

## TURNS.

DOWN.

UP.

0 5.03.30

100

50

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

## DREDGE ROPE.

DOWN.

UP.

5.03.30

5.14.15

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS.

1 sp. Flounders - shells  
2 Coarct. small - 1 other lim.



No. 1212 Hydro. Date Sept 3

Tanner Machine. Reel.

Turns 42 Cor. + 2 Depth

~~Shot or lead~~ 20 lbs

Bottom

Bottom temperature

No. of Thermometer 51451 Cor.

Corrected temperature 47.5

Air 66 Surface 54 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

5.10

5.46.20

3-

5.44.20

5.50

Yaguana Light House bore N. 6 1/4 W. 1/4 M. 1/4  
 distant 4 1/2 miles

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1959 Hydro. Date Sept 21

Machine. Reel.

Turns	Cor. +	Depth
1	1.0	10.0
2	1.0	20.0
3	1.0	30.0
4	1.0	40.0
5	1.0	50.0
6	1.0	60.0
7	1.0	70.0
8	1.0	80.0
9	1.0	90.0
10	1.0	100.0
11	1.0	110.0
12	1.0	120.0
13	1.0	130.0
14	1.0	140.0
15	1.0	150.0
16	1.0	160.0
17	1.0	170.0
18	1.0	180.0
19	1.0	190.0
20	1.0	200.0
21	1.0	210.0
22	1.0	220.0
23	1.0	230.0
24	1.0	240.0
25	1.0	250.0
26	1.0	260.0
27	1.0	270.0
28	1.0	280.0
29	1.0	290.0
30	1.0	300.0
31	1.0	310.0
32	1.0	320.0
33	1.0	330.0
34	1.0	340.0
35	1.0	350.0
36	1.0	360.0
37	1.0	370.0
38	1.0	380.0
39	1.0	390.0
40	1.0	400.0
41	1.0	410.0
42	1.0	420.0
43	1.0	430.0
44	1.0	440.0
45	1.0	450.0
46	1.0	460.0
47	1.0	470.0
48	1.0	480.0
49	1.0	490.0
50	1.0	500.0
51	1.0	510.0
52	1.0	520.0
53	1.0	530.0
54	1.0	540.0
55	1.0	550.0
56	1.0	560.0
57	1.0	570.0
58	1.0	580.0
59	1.0	590.0
60	1.0	600.0
61	1.0	610.0
62	1.0	620.0
63	1.0	630.0
64	1.0	640.0
65	1.0	650.0
66	1.0	660.0
67	1.0	670.0
68	1.0	680.0
69	1.0	690.0
70	1.0	700.0
71	1.0	710.0
72	1.0	720.0
73	1.0	730.0
74	1.0	740.0
75	1.0	750.0
76	1.0	760.0
77	1.0	770.0
78	1.0	780.0
79	1.0	790.0
80	1.0	800.0
81	1.0	810.0
82	1.0	820.0
83	1.0	830.0
84	1.0	840.0
85	1.0	850.0
86	1.0	860.0
87	1.0	870.0
88	1.0	880.0
89	1.0	890.0
90	1.0	900.0
91	1.0	910.0
92	1.0	920.0
93	1.0	930.0
94	1.0	940.0
95	1.0	950.0
96	1.0	960.0
97	1.0	970.0
98	1.0	980.0
99	1.0	990.0
100	1.0	1000.0

~~Shot or lead~~ 20 lbs.

Bottom 7.

Bottom temperature 46.2°

No. of Thermometer 51451 Cor. 0.

Corrected temperature 46.2 °

<i>Air</i>	<i>Surface</i>	<i>Drift.</i>
------------	----------------	---------------

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

502

No. *Hydro.* Date *Sept. 3<sup>d</sup> 1889.*

*Tanner* Machine. — Reel.

Turns *31* Cor. + *1* Depth *32 fms.*

~~Shot or lead~~ *20 lbs.*

Bottom *bk. S.*

Bottom temperature *47.0°*

No. of Thermometer *5145* Cor. - *0.3*

Corrected temperature *46°*

Air *46°* Surface *45°* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

*A.M.*

*7.23.00*

*24.05*

*0*

*23.15*

*7.23.20*

*100*

*200*

*300*

*400*

*500*

*600*

*700*

*800*

*900*

*1000*

*1100*

*1200*

*1300*

*1400*

*1500*

*1600*

*1700*

*1800*

*1900*

*2000*

*2100*

*2200*

*2300*

*2400*

*7 hrs. used in setting line at 7.25.*

*hauled in at 7.50*

*Catch - 45 crabs*

*2 King crabs*

*2 Bladder Cod.*

*1 Blue dog shark*

*La mura Lig. 7.15. ... for N.E. W. 91*

*Crab 8 1/2 miles*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Ny. 14*Date *July 1880*

Machine. — Reel.

Turns *43* Cor. *1* 2 Depth *45*Shot or lead *30*Bottom *gy.*Bottom temperature *46.8*No. of Thermometer *5145* Cor.Corrected temperature *46.5*Air *36* Surface *56* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

*9-31-0**1-33-0*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



507  
*9-50-30*

No. *Hy. 1990* Date *Sept. 21/87*

Tanner Machine. — Reel.

Turns *42* Cor. + *2* Depth *44*

Shot or lead *35 lbs*

Bottom *G.*

Bottom temperature *16.8*

No. of Thermometer *51151* Cor.

Corrected temperature *46.5*

Air *57* Surface *16* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

*9-50-30*

*9-51-30*

TURNS.

DREDGE ROPE.

DOWN.

UP.

- 0
- 100
- 200
- 300
- 400
- 500
- 600
- 700
- 800
- 900
- 1000
- 1100
- 1200
- 1300
- 1400
- 1500
- 1600
- 1700
- 1800
- 1900
- 2000
- 2100
- 2200
- 2300
- 2400

*Reeled in line at 13.45*

*at 13.45*  
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*9-00-30*  
*9-01-30*  
*9-02-30*  
*9-03-30*  
*9-04-30*  
*9-05-30*  
*9-06-30*  
*9-07-30*  
*9-08-30*  
*9-09-30*  
*9-10-30*  
*9-11-30*  
*9-12-30*  
*9-13-30*  
*9-14-30*  
*9-15-30*  
*9-16-30*  
*9-17-30*  
*9-18-30*  
*9-19-30*  
*9-20-30*  
*9-21-30*  
*9-22-30*  
*9-23-30*  
*9-24-30*  
*9-25-30*  
*9-26-30*  
*9-27-30*  
*9-28-30*  
*9-29-30*  
*9-30-30*  
*9-31-30*  
*9-32-30*  
*9-33-30*  
*9-34-30*  
*9-35-30*  
*9-36-30*  
*9-37-30*  
*9-38-30*  
*9-39-30*  
*9-40-30*  
*9-41-30*  
*9-42-30*  
*9-43-30*  
*9-44-30*  
*9-45-30*  
*9-46-30*  
*9-47-30*  
*9-48-30*  
*9-49-30*  
*9-50-30*  
*9-51-30*  
*9-52-30*  
*9-53-30*  
*9-54-30*  
*9-55-30*  
*9-56-3*

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1991* Date *Oct 1 1891**7* *Annex* Machine. — Reel.Turns *46* Cor. + *2* Depth *48*Shot or lead *35 lbs*Bottom *6*Bottom temperature *46.6*No. of Thermometer *51151* Cor.Corrected temperature *46.3°*Air *56* Surface *56* Drift.

Trawl or dredge or tangles —

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

*10-40-30* *10-41-30*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

13084

Date

Sept. 3/07

Machine. — Reel.

Turns 111 Cor. + 2 Depth 46

Shot or lead 20 lb

Bottom G + P. M. S.

Bottom temperature 46.2

No. of Thermometer 511/51 Cor. - 0.3°

Corrected temperature 45.9°

Air 56 Surface 56 Drift. per 1/2 hr.

Trawl or dredge or tangles

## SOUNDING WIRE.

## DREDGE ROPE.

TURNS.

DOWN.

UP.

DOWN.

UP.

11-2-30

11-11-0

0

70

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

11-4-30

19-30

10-0

11-16-0

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS.

*To start fish 6 1/2 miles*

No. 5212

Date Oct 31

Machine. — Reel.

Turns 1116 Cor. + 2 Depth 1116

Shot or lead 35 lbs.

Bottom G.S.

Bottom temperature 116.2

No. of Thermometer 514151 Cor.

Corrected temperature 46.2

Air 56. Surface 56. Drift 1 mi 4 1/4 N

Trawl or dredge or tangles Small Beam

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

70

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

20-0

11-40-0

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS.

Brachyopoda Shells - Starfish  
 Crinoids - Basket star fish  
 small Hydrozoa

Trawl down badly



No. *Hy. 1992* Date *Sept 3/89.*

Tanner Machine. — Reel.

Turns *41* Cor. + *2* Depth *43*Shot or lead *20 lbs.*Bottom *R. M.*Bottom temperature *47.5*No. of Thermometer *511/1* Cor. - *0.3°*Corrected temperature *47.2°*Air *59* Surface *56* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

*1 - 54-45 11.52.2*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*At 1000 fms. 6 min. 12.25**Hauled in wire at 12.25*

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1903 Station. Date

(Machine. Reel.

Turns 21 Cor. + 1 Depth

Shot or lead

Bottom

Bottom temperature

No. of Thermometer Cor. - 0.3°

Corrected temperature 48.2°

Air 57° Surface 56° Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

4.11.28

2.11.1

2.11.1

2.11.1

2.11.1

2.11.1

2.11.1

2.11.1

2.11.1

2.11.1

2.11.1

2.11.1

2.11.1

2.11.1

2.11.1

2.11.1

2.11.1

2.11.1

2.11.1

2.11.1

2.11.1

2.11.1

2.11.1

2.11.1

2.11.1

2.11.1

2.11.1

2.11.1

2.11.1

2.11.1

2.11.1

2.11.1

2.11.1

2.11.1

2.11.1

2.11.1

2.11.1

2.11.1

2.11.1

2.11.1

2.11.1

2 Orange Rock Box

1 Black Box

1 Ring

Maximum light house bore 10.0. 10.0. 2.5.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

•

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 507

No. 1992 Machine. Date Sept. 3<sup>d</sup> 1899

Machine. - Reel.

Turns 27 Cor. + 1 Depth

Shot or lead 20 lb.

Bottom  $\frac{1}{2}$  m.

Bottom temperature

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 46.9°

Air 55° Surface 52° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

32

4.41.00

45.10

4.48.25

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Yaque a light seen 6.57.4. Mag.  
distance 2.8

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hy. 1995* Date *Sept. 7/89.*  
Machine. — Reel.

Turns *44* Cor. + *2* Depth *46*

Shot or lead *70 lb.*

Bottom

Bottom temperature *45.1°*

No. of Thermometer *51151* Cor. - *0.3°*

Corrected temperature *45.1°*

Air *63* Surface *60* Drift.

Trawl or dredge or tangles

# SOUNDING WIRE.

DOWN.

UP.

*3-27-0* *3-30-0*

TURNS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

# DREDGE ROPE.

DOWN.

UP.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No.

Date

Machine. — Reel.

Turns

Cor. +

1

Depth

40

Shot or lead

20 lbs

Bottom

fine gy. S.

Bottom temperature

4

No. of Thermometer

51251

Cor. - 0.3°

Corrected temperature

45.3°

Air

60

Surface

6

Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

Sounding = 1 Saine

Hauled wire in 4.15 -

Falcon Rm. 11278-19'-

Under wire 1 mile S. 1/2 E.

0  
100  
200  
300  
400  
500  
600  
700  
800  
900  
1000  
1100  
1200  
1300  
1400  
1500  
1600  
1700  
1800  
1900  
2000  
2100  
2200  
2300  
2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1997 Hgbs. Date Dec 11 1894

Hand lead Machine. — Reel.

Turns — Cor. + — Depth 22 fms.

~~Shot or lead~~ 14 lbs.

Bottom fine gy. S.

Bottom temperature none taken —

No. of Thermometer — Cor. —

Corrected temperature —

Air 60° Surface 56" Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

P.M.

4.35.00

4.35.20

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

At 4.35.00 put 12' and down ... 600 fms.  
 x hauled same ... at 4.50

Catch - ...

Falcon. Rx. NNW  $\frac{1}{2}$  W -  $1\frac{1}{4}$  -

Drift while towing 3 1/2 m. S. 2 1/2 E.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hy. 1998* Date *Sept. 1900*

Machine. Reel.

Turns — Cor. + Depth *15*Shot or lead — *Hand*Bottom *gy. m. sh.*

Bottom temperature

No. of Thermometer — Cor. —

Corrected temperature —

Air *82* Surface *86* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

*5-12-0*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*Fathom 114. 1700-3-*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507  
 No. 3089

*L. 1000*

Date Sept 7<sup>th</sup> 1885

Machine. — Reel.

Turns — Cor. + — Depth 20 fms.

Shot or lead 14 lb.

Bottom fine gy. S

Bottom temperature none taken.

No. of Thermometer Cor.

Corrected temperature

Air 62 Surface 56 Drift. 1 1/4 m S.

Trawl or dredge or tangles *Cur. 1.?*

SOUNDING WIRE.

DOWN.

UP.

5.52.50

5.53.00

10 fathoms. port and  
 taken in at 6.20 -  
 Catch. 11 Green Crab Cod.

2 *Phan. d. r. -*  
*Falcon 100 NW 1/2 W - 5 1/2*

TURNS.

- 0
- 100
- 200
- 300
- 400
- 500
- 600
- 700
- 800
- 900
- 1000
- 1100
- 1200
- 1300
- 1400
- 1500
- 1600
- 1700
- 1800
- 1900
- 2000
- 2100
- 2200
- 2300
- 2400

*P. d. r.* DREDGE ROPE.

DOWN.

UP.

6-34-0 7-02-0  
 40-0 6-59-30

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

#### REMARKS.

12 Down lead - 3 Shrimps -  
 some young Filippinæ. -  
 12 11' 2. 1200.



*H2.3*

No. 3090. *Bridge* Date *Oct 11/11*

Tanner Machine. — Reel.

Turns 60 Cor 1 2

Depth 62 fms.

Shot or lead 20 lbs.

Bottom *fine gy. S*

Bottom temperature 46.

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 45.8°

Air 58° Surface 57° Drift.  $1\frac{1}{2}$  m. N. S. 72

Trawl or dredge or tangles

*P.M.*

SOUNDING WIRE.

TURNS.

*P.M.*

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

8.18 20	20.20	0	8.22.00	9.01.15
18 20	19.10	100	26.15	27.00
		180	28.00	8.54.30
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*Fal. 10.00 R.R. Li. Ho. N 3 1/4 E - 15 1/4 -*

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

#### REMARKS.

1 Rock Cod - 1 1/2 Xcuv. 3 specie  
 3 flounders. Few shrimps

No. *3091* Date *Sept 8/11*  
*Tanner* Machine. — Reel.  
 Turns *84* Cor. + *3* Depth *87*  
 Shot or lead *20 lbs.*  
 Bottom *gn. sh.*  
 Bottom temperature *none taken*  
 No. of Thermometer *51451* Cor. —  
 Corrected temperature —  
 Air *54* Surface *56* Drift. *2 1/4 m. East*  
 Trawl or dredge or tangles *large Bream*

SOUNDING WIRE.		TURNS.	A.W. DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>5-50-0</i>	<i>5-40-0</i>	0	<i>5-45-0</i>	<i>25 0</i>
		100	<i>42-0</i>	<i>19 0</i>
		200	<i>48 0</i>	<i>6-16-0</i>
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*Cape Mearns 62 fms. 100 fms. 100 fms.*  
*Cape Mearns 250-18 1/2*

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS.

Fire Red Rock Lead. - 3 Species.  
 100 Pelonides " " "  
 1 large Bivalve " "  
 1 peck " Prawns  
 3 or 4 small Squid " "  
 1/2 dz. Squid -

507  
 No. 3092 Date Sept. 8/29.  
 Vanner Machine. — Reel.  
 Turns 44 Cor. + 2 Depth 46  
 Shot or lead 20 lbs  
 Bottom 6  
 Bottom temperature 46.2  
 No. of Thermometer 51451 Cor. -0.3°  
 Corrected temperature 45.9°  
 Air 54 Surface 56 Drift. 1 1/2 m. E. S. E.  
 Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7-30-15		0	8-02-15	28.30
		100	09.30	25.20
		120		
		200	10.55	22.00
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Cape Mearns  
 E 57 S - 4.24 -  
 Hauled in twice at 800 yds.

Hauled in twice at 800 yds.

V. Mearns

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

#### REMARKS.

4 Species of *Clupea* - 24 in. -  
 3 other small fishes - 2 in. -

No. 1999 Hydro. Date Sept. 8-1881.

Tanner Machine. Reel.

Turns 20 Cor. + 1 Depth 21 fms.

Shot or lead 20 lbs.

Bottom

Bottom temperature

No. of Thermometer 51151 Cor. - 0.3°

Corrected temperature 47.2°

Air 51° Surface 52° Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

59

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

9.20.

14 fms. 1200 fms.

Cape W. 11.00 E.D. 4 E (Mag) Dist 3.2 miles.

And

Fishes

Larvae &amp; Fishes

Larvae &amp; Fishes

Larvae &amp; Fishes

Larvae &amp; Fishes

Larvae &amp; Fishes

At 2.20 done &amp; 12.30.

Catch. Net.

	2500	
	2600	
	2700	
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# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
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REMARKS.





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# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
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REMARKS.

No. 2001 Hydro. Date

Machine. Reel.

Turns Cor. + Depth

Shot or lead 26

Bottom

Bottom temperature

No. of Thermometer 51451. Cor.

Corrected temperature 48.

Air 57° Surface 51° Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

Shot line set over starboard side at 10.30  
 hauled in at 11.20.

Cast - 712

Cape Mearns E.M.S. 1 mile.

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# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
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REMARKS.

ITC 507

No. 2002 Date Sept. 8<sup>th</sup> 1889

Tanner Machine. — Reel.

Turns 15 Cor. + 1 Depth 16

Shot or lead 20 lbs.

Bottom fine g. s.

Bottom temperature 48.5°

No. of Thermometer 51451 Cor. -0.5°

Corrected temperature 48.0

Air 57° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11. 51. 30		0		
51. 40	11. 51. 30	100		
		200		
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12. 05

Cape Mudge N 71 E (mag) 2. miles

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# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
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REMARKS.

No. *Hy. 2005* Date *Sept. 11, 1905*

Machine. — Reel.

Turns *20* Cor. + *1* Depth *21*Shot or lead *20 lbs*Bottom *Rky.*Bottom temperature *48.5*No. of Thermometer *51151* Cor. - *0.3*Corrected temperature *48.2*Air *54* Surface *56* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

*P.W. 12-20-0 12-21-0*

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

*0**100**200**300**400**500**600**700**800**900**1000**1100**1200**1300**1400**1500**1600**1700**1800**1900**2000**2100**2200**2300**2400**30 miles North (rag) Vilcares**6' 12" 32 feet 8 Hand lines over ship's side  
hauled lines in at 12.45.**1 Red Red Line**1 Green**At 12-21 11:20 AM. 20 fms. caught nothing.*

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# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
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REMARKS.



No.

The Dool

Date

Sept 11, 1881

Machine. — Reel.

Turns — Cor. + — Depth 18

Shot or lead Hand 14 lb.

Bottom fine gy s

Bottom temperature

No. of Thermometer

Cor. -

Corrected temperature.

Air 54 Surface 57 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

P. W.

1-10-0

## TURNS.

0

100

200

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2400

## DREDGE ROPE.

DOWN.

UP.

3'0 min

5 x 2 1/2 fms

On the hook 1-11-1881

	2500	
	2600	
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# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
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REMARKS.



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# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
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REMARKS.

No.

Hy. 2005

Date

Sept. 8/89

Sanner

Machine. — Reel.

Turns

38

Cor. +

1

Depth

39

Shot or lead

20 lbs

Bottom

fine ggy s.

Bottom temperature

47

No. of Thermometer

51451

Cor. -

Corrected temperature

46.7°

Air

54

Surface

50

Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

3-37-0

3-38-0

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

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At 3.5 it was 100 fms over  
 3.5 1/2 2 Wm. 100 fms. 1/2 m.  
 1 2 fms. 1/2 m.  
 Ho was in lines at 4.08.

Lowest point of 1/2 m. 1 1/2 m.

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# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
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REMARKS.

No. 200040. Date 9

Machine. Reel.

Turns Cor. + 1. Depth

Shot or lead 20708

Bottom gy. s. bk. v.

Bottom temperature

No. of Thermometer 51151. Cor. - 0.3°

Corrected temperature 47.2°

Air 27.7 Surface 8.7 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
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		100		
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# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
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REMARKS.



No. *Hy 2007* Date *September 11*  
Gunner *Machine.* — Reel.

Turns *18* Cor. + *1* Depth *19*

Shot or lead *20 lbs.*

Bottom *fine gds. br. sp.*

Bottom temperature *48*

No. of Thermometer *51451* Cor. - *0.3*

Corrected temperature *47.7*

Air *51* Surface *48* Drift.

Trawl or dredge or tangles

*7.10.* SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

*4-4-0*

*7-5-0*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*11 fathoms*

*100 fms*

*hauled down at 7.13 -*

*11 fms*

*2100*

*Cap. Looked at NNW 5/8 W. mag. dir. 2.5 mi. 5-0*

	2500	
	2600	
	2700	
	2800	
	2900	
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	3100	
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# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
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900				
1000				

REMARKS.

No. 101. Date Oct. 11.

Machine. — Reel.

Turns 1 Cor. + 1 Depth 201

Shot or lead 20 lbs.

Bottom fine gy. s.

Bottom temperature 48

No. of Thermometer 57451 Cor. - 0.50

Corrected temperature 47.70

Air 51 Surface 48 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

17-46.0 17-47.30

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Alt. 7.48, net 10 fms. lower on S.W. side.  
\* hauled item in at 7.55.

Caught at 7.55.

W. of stack Rock S 1/2 N (mag) dis. one mile.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2064 No. Date Oct

Land and Sea Machine. Reel.

Turns — Cor. + — Depth

Shot or lead 14 lbs.

Bottom

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air Surface Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

North (mag) dir. 1.5 min.  
 16 April 1881

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2010 Rev. Date

May 11 1881

Hand lead Machine. - Reel.

Turns — Cor. +

Depth

Shot or lead

Bottom fine sh. S

Bottom temperature

No. of Thermometer

Cor.

Corrected temperature

Air 52° Surface

Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

7

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No. 2011 1493:0 - Date

Machine. --- Reel.

Turns 37 Cor. + Depth

Shot or lead 20

Bottom fine sand

Bottom temperature

No. of Thermometer 51451 Cor. -0.3

Corrected temperature 45.8

Air 57 Surface 47 Drift.

Trawl or dredge or tangles

# SOUNDING WIRE.

DOWN.

UP.

# TURNS.

# DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2012 H. L. Date

Tanner Machine. Reel.

Turns 50 Cor. + 2 Depth 52

~~Shot or lead~~ 20 lbs.

Bottom

Bottom temperature

No. of Thermometer 5 Cor.

Corrected temperature 45.6

Air 52° Surface Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1* Date *Dec 2*

Machine. Reel.

Turns Cor. + 2 Depth 69

Shot or lead 20

Bottom *gy*

Bottom temperature 45.

No. of Thermometer 5145 Cor. .

Corrected temperature 4

Air 5° Surface 48° Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2014 Date

Machine. -- Reel.

Turns 500 Cor. + 2 Depth

Shot or lead

Bottom

Bottom temperature

No. of Thermometer 5145 Cor.

Corrected temperature 45.4°

Air 55 Surface 50° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



11.30.3

No. 2015 Hydros. Date Sept. 9<sup>th</sup> 1889.

Machine. - Reel.

Turns 47 Cor. + 2 - Depth 49 fms.

Shot or lead 20 lbs.

Bottom crs. S.

Bottom temperature 46.2

No. of Thermometer 51451 Cor. 0.

Corrected temperature 45.9

Air 55° Surface 50° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.44.05	45.30	0		
44.33	11.44.40	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *110* 2016 Date *Dec 11 1881*

Machine. — Reel.

Turns *32* Cor. *+* *1* Depth *33*Shot or lead *20 lb.*Bottom *fine gy. S.*Bottom temperature *46.5*No. of Thermometer *51451* Cor. *-0.30*Corrected temperature *46.20*Air *55* Surface *50* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

*12-11-0**2-4-0**0**100**200**300**400**500**600**700**800**900**1000**1100**1200**1300**1400**1500**1600**1700**1800**1900**2000**2100**2200**2300**2400**At 12-06. put 9 fms. since moved in**Complete 4 fms. - 1300 fms. - 1300 fms.**Hauled in line at 12-30-12. 12-30-12. 12-30-12. 12-30-12.**12-30-12. 12-30-12. 12-30-12. 12-30-12.*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12-52-0		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hy 2018*, Date *Sept 11*

Machine. — Reel. —

Turns — Cor. + — Depth *23*Shot or lead *14 lbs. Lead*Bottom *fine gg S.*Bottom temperature *Spine Taken*

No. of Thermometer — Cor. —

Corrected temperature —

Air *55* Surface *50* Drift.

Trawl or dredge or tangles —

*P.W.*, SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*1-15-0*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*Oct 1-1861 Handed down in Ship's Papers.**hauled in wire at 2,000 -**Caught by George R. R. Cord.**lost under the top of the ship's mast*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No.

Date

Tanner Machine. - Reel.

Turns 49 Cor. + 5 Depth 5

Shot or lead 20 lbs.

Bottom

Bottom temperature

No. of Thermometer 51451 Cor. - 0

Corrected temperature 46.0°

Air 52 Surface 48 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

32-30 2-34-30

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

10 1/2 miles

Hay St. Road 14 3/4 E

2-33 Jan 10 2-33 Jan 10  
 + hauled them in at 2:50-  
 2-33 Jan 10 2-33 Jan 10  
 + hauled them in at 2:50-  
 2-33 Jan 10 2-33 Jan 10  
 + hauled them in at 2:50-

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hy. 2020* Date *Sept. 9/18*

Tanner. Machine. — Reel. —

Turns *65* Cor. + *2* Depth *68*Shot or lead *20 lbs*Bottom *fine gy. s.*Bottom temperature *45.2*No. of Thermometer *51451* Cor. —Corrected temperature *45.5*Air *52* Surface *48* Drift.

Trawl or dredge or tangles. —

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

*P. W. 3-1-30**5-22-15*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*12' of back line H. 4 E mag. dist. 12.1-*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Fy. 2021* Date *Sept. 21**annex* Machine. — Reel.Turns *69* Cor. + *2* Depth *71*Shot or lead *30 lbs*Bottom *fine gy S brk sh.*Bottom temperature *45.5*No. of Thermometer *51451* Cor. - *0.3*"Corrected temperature *45.2*°Air *54* Surface *57* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

*P. 110.**3-45-30 3-47-30*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 5072 Date

Machine. Reel.

Turns 56 Cor. + 2 Depth 52 fms

Shot or lead 20 lbs

Bottom A.S.

Bottom temperature 16.5°

No. of Thermometer 51451 Cor. - 0.3

Corrected temperature 46.2°

Air Surface Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Cascadia Head NNE 1/2 E (true) 6.6 mi

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No. 11

223. Date

Sept. 9/89.

Machine.

Reel.

Turns -

Cor. +

Depth

217

Shot or lead

14 lb Hand

Bottom

fine, grey S.

Bottom temperature

No. of Thermometer

Cor. -

Corrected temperature

Air

55

Surface

50

Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

01-0

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

5.6 mi.  
dis.  
N 3/4 E (mag)  
Cascade Head

24 - 5-03. from 12 N and D. 3 miles  
x hauled them in at 5.10.

6.00 p.m. 4 Orange wire

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400		*		
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2024 Hydro. Date Sept. 9<sup>th</sup> 1889.  
 Hand lead Machine. — Reel.

Turns — Cor. + Depth 16 fms.

Shot or lead 14 lbs.

Bottom fine gy. S. bk. Sp. br. S.

Bottom temperature near lat.

No. of Thermometer — Cor.

Corrected temperature —

Air 55° Surface 51° Drift.

Trawl or dredge or tangles

# SOUNDING WIRE.

DOWN.

UP.

5.28.50

5.29.00

TURNS.

# DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

N 1/2 W (mag) dis. 4.6 mi

Cascade Head

hauled in at 5.50.  
 Catch - m.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hy 2025* Date *Sept. 9**Tanner* Machine. — Reel.Turns *18* Cor. *4* / Depth *18*Shot or lead *35 lbs.*Bottom *Rky & Co.*Bottom temperature *48*No. of Thermometer *51451* Cor.Corrected temperature *47.2*Air *55* Surface *49* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

*6-16-30* *6-17-30**0**100**200**300**400**500**600**700**800**900**1000**1100**1200**1300**1400**1500**1600**1700**1800**1900**2000**2100**2200**2300**2400**Silent - Bag & E m. a. 2400 m.*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*No.*      *Date*  
*Machine.*      *Reel.*  
*Turns*      *Cor.*      *Depth*  
*Shot or lead*      *200*  
*Bottom*  
*Bottom temperature*  
*No. of Thermometer*      *Cor.*  
*Corrected temperature*  
*Air*      *119*      *Surface*      *Drift.*  
*Trawl or dredge or tangles*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No. 2027 H. 416 Date Sep 13

Machine. Reel.

Turns 46 Cor. + 2 Depth

Shot or lead 20 lbs.

Bottom

Bottom temperature 46

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 46.3

Air Surface Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2028 Date Feb 11 1882

Machine. Reel.

Turns 13 Cor. + 0 Depth 13 fms.

Shot or lead 20 lb.

Bottom fine gy. S.

Bottom temperature 47.4°

No. of Thermometer 51451 Cor.

Corrected temperature 47.1

Air 41° Surface 5° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.03.30	03.30	0		
3.10	1.03.20	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hy. 2029* Date *Sept 10. 189.*

Tanner Machine. — Reel.

Turns *35* Cor. + *1* Depth *36*Shot or lead *20 lbs.*Bottom *fine gy.*Bottom temperature *11.7*No. of Thermometer *51151* Cor. *-0.3*Corrected temperature *46.4*Air *50* Surface *49* Drift.

Trawl or dredge or tangles —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10-30</i>	<i>9-1-30</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Ny 2030* Date *Sept. 10/8,*

Machine. Reel.

Turns — Cor. + — Depth *13*~~Shot or lead~~ *12 lb Hand*Bottom *fine gy. S.*Bottom temperature *Atmo 60.*

No. of Thermometer — Cor. —

Corrected temperature

Air *52* Surface *49* Drift.

Trawl or dredge or tangles —

## SOUNDING WIRE.

DOWN.

UP.

## DREDGE ROPE.

DOWN.

UP.

## TURNS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*07.00*  
*9-56-0*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No.

Date \_\_\_\_\_

Machine. Reel.

Turns — Cor. † — Depth 28

Shot or lead 14 lbs. Horn!

Bottom fine g. S.

Bottom temperature —

No. of Thermometer \_\_\_\_\_ Cor. .

Corrected temperature —

*Air* 32 *Surface* 49 *Drift.*

Trawl or dredge or tangles —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10-15-0		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hy. 2032* Date *Sept 10/89.*

Machine. Reel.

Turns -- Cor. + -- Depth *28*Shot or lead *14 lbs. 7/16 in.*Bottom *fine sand*

Bottom temperature --

No. of Thermometer -- Cor. --

Corrected temperature

Air *57* Surface *50* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

*11-30-0*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*Impressed River Bridge 24 3/4 m. N. of St. Louis**Length = 1 m. 1/2**31 feet 11 inches in at 1000 ft*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*Hot 13*

No. 2033 Hydro. Date Sept. 10<sup>th</sup>

Tanner Machine. Reel.

Turns 51 Cor. + 2 Depth 53 fms.

Shot or lead 20

Bottom fine ooze

Bottom temperature 41.6

No. of Thermometer 51451 Cor. 0.2

Corrected temperature 41.4

Air 53.0 Surface 51.0 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.14.50	16.20	0		
15.20	12.15.30	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*51451*

*51451*

*51451*

*51451*

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

5267

No. 21 Station Date Sept. 11<sup>th</sup> 1881

Machine. — Reel.

Turns 20 Cor. 1 2. Depth 40 fms.

Shot or lead 20 lbs

Bottom f.

Bottom temperature 47.6°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 46.7°

Air 63 Surface 4.1 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

1.20

17.5 14.5 5 5/8

0  
100  
200  
300  
400  
500  
600  
700  
800  
900  
1000  
1100  
1200  
1300  
1400  
1500  
1600  
1700  
1800  
1900  
2000  
2100  
2200  
2300  
2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



Date \_\_\_\_\_

*Recl.*

Depth //

144 *Z.* $\nu p$ 

*Cor.*

*en*

*Drift.*

*re*

SOUNDING WIRE.

UP.

DREDGE ROPE.

U1<sup>2</sup>.

12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2036 Hydro Date Sept 10<sup>th</sup> 18

Machine. Reel.

Turns 22 Cor. + 1 Depth

Shot or lead 20 lbs

Bottom

Bottom temperature 41.

No. of Thermometer 5151 Cor. -0.3

Corrected temperature 48.2°

Air 52° Surface 53° Drift.

Trawl or dredge or tangles

# SOUNDING WIRE.

DOWN.

UP.

## TURNS.

# DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

8.0' (wavy line) 8.0'

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 201 Hydro. Date

Machine. Reel.

Turns — Cor. + Depth

Shot or lead 40.

Bottom fine gy.

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air 54 Surface Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Cape Guaymas St. No 5 x 8 1/4 i. (mag) 3.5-

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *514* Date *Oct 10 1881*Machine. *Reel.*Turns *207* Cor. + *1* Depth *208*Shot or lead *20 lb*Bottom *gy. m.*Bottom temperature *42.0*No. of Thermometer *514* Cor. *-0.2*Corrected temperature *41.8*Air *54* Surface *54* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*3.1**13**11.40**11.50**12.00**12.10*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No. *7.2059* Date *Sept. 10/09*  
*Tanner* Machine. - Reel.  
 Turns *26* Cor. + *1* Depth *27*  
 Shot or lead *20 lbs.*  
 Bottom *fine gy. S.*  
 Bottom temperature *48*  
 No. of Thermometer *51451* Cor. *.*  
 Corrected temperature *47*  
 Air *55* Surface *52* Drift.  
 Trawl or dredge or tangles *—*

SOUNDING WIRE.

DOWN.

UP.

*4-28.0*

*4-29.0*

TURNS.

DREDGE ROPE.

DOWN.

UP.

- 0
- 100
- 200
- 300
- 400
- 500
- 600
- 700
- 800
- 900
- 1000
- 1100
- 1200
- 1300
- 1400
- 1500
- 1600
- 1700
- 1800
- 1900
- 2000
- 2100
- 2200
- 2300
- 2400

*Shot 20 lbs. fine gy. S. 4-28.0*

*Nothing*

*fine gy. S. 4-29.0*

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date

Tanner

Machine. -

Reel.

Turns 24 Cor. +

Depth 251

Shot or lead 20

Bottom M. S. Co.

Bottom temperature 116.4

No. of Thermometer 51451 Cor. -0.3

Corrected temperature 116.1

Air 55° Surface 52° Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

5.31.30

33.6

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

at 5.30 P.M. water 116.4  
 at 5.30 P.M. water 116.4  
 at 5.30 P.M. water 116.4

Lucy and Equival

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2041 Date *Sept. 11*

Tanner Machine. Reel.

Turns 62 Cor. + 2 Depth 64

Shot or lead 20

Bottom U.

Bottom temperature 4

No. of Thermometer 51451 Cor. -0.3

Corrected temperature 45.8°

Air 57 Surface 50 Drift.

Trawl or dredge or tangles

# SOUNDING WIRE.

DOWN.

UP.

TURNS.

# DREDGE ROPE.

DOWN.

UP.

*P.M.*  
6.44.00  
44.30

45.50  
6.44.15

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*For 4.4.2.8.1 Mag*

*14.8-*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2042 Hydro. Date Sept. 10<sup>th</sup> 1881

Tanner Machine. — Reel.

Turns 130 Cor. + 4

Depth 134 fms

Shot or lead 20 lbs.

Bottom fine g. s.

Bottom temperature 45.1

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 44.7

Air 55° Surface 51° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7 40.50 41.50  
42.00 43.20  
42.30 7.42.40

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Cape Cod Sound S. 61° 15' E. 7.10.00

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No. *4420* Date *Sept 10, 1897*  
*Yankee* Machine. Reel.  
 Turns *160* Cor. + *5* Depth *165*  
 Shot or lead *50 lbs.*  
 Bottom *bk. S.*  
 Bottom temperature *45*  
 No. of Thermometer *57451* Cor. *-0.3*  
 Corrected temperature *44.7°*  
 Air *54* Surface *52* Drift.  
 Trawl or dredge or tangles *—*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>8-38-0</i>	<i>8-45-0</i>	0		
<i>40-0</i>	<i>43-0</i>	100		
<i>41-0</i>	<i>8-41-30</i>	<i>60</i> 200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*in bottom right box S. & W. S. 71.00*  
*Wants —*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *741* Date *Sept 18/07**Tanner* Machine. Reel.Turns *228* Cor. + *6* Depth *234*Shot or lead *20 lbs.*Bottom *bk S.*Bottom temperature *42.5*No. of Thermometer *51451* Cor. *-0.3°*Corrected temperature *42.2°*Air *54* Surface *54* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

*10-16-0**25-0*

0

*18-0**23-30*

100

*19-15**22-30*

200

*20-0**10:20:30*

28

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2011 Date Sept 11 1881

Sigsbee Machine. 2 Reel.

Turns 351 Cor. + 33 - Depth 384 fms.

Shot or lead 35 lbs.

Bottom gn. M.

Bottom temperature 40.2°

No. of Thermometer 51451 Cor. - 0.1°

Corrected temperature 40.1°

Air 56° Surface 57° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12. 37.20	55.45	0		
39.05	52.30	100		
41.00	50.05	200		
42.50	48.25	300		
43.55	12.47.30	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2046 Hyg. 3. Date Sept. 11<sup>th</sup> 1881  
Tanner Machine. — Reel.

Turns 112 Cor. - 4. Depth 116 fms

Shot or lead 20 lbs

Bottom gy. m.

Bottom temperature

No. of Thermometer 51451 Cor. - 0

Corrected temperature 44.9°

Air 56° Surface 59° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2.54.50	58.00	0		
56.00	57.51	100		
56.20	2.55.25	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No. 2047 Hydro. Date Sept. 11<sup>th</sup> 1881.

Tanner, Machine. Reel.

Turns 60 Cor. 1 2 Depth 64 fms.

~~Shot or lead~~ 20 lbs

Bottom 0

Bottom temperature 46.3°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 46.0°

Air 55° Surface 50° Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

46.30 56 00

55.15 2 20

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Cable used in N.E. 1/2 E. 1/2 Sec. 1

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

504

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6-17-30	6-19-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hy. 2049* Date *Sept. 11/89.**Tanner* Machine. — Reel.Turns *66* Cor. + *2* Depth *68*Shot or lead *20 lb*Bottom *C.*Bottom temperature *46*No. of Thermometer *51451* Cor. *-0.3°*Corrected temperature *45.7°*Air *51* Surface *51* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

*Am**7-11-0**7-14-0*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.